

## MATERIAL SAFETY DATA SHEET

DATE PRINTED: 4/14/2004

PAGE

1

## SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

MANUFACTURERS NAME  
W.M. BARR & COMPANY, INC.ADDRESS  
2105 Channel Ave.  
Memphis, TN 38113 USAEMERGENCY TELEPHONE #1  
901-775-0100EMERGENCY CONTACT  
W.M. Barr Technical Services

## EMERGENCY INFORMATION

"3E" 24 HOUR MEDICAL EMERGENCY #, 800 451-8346.  
SEE SECTION 5 FOR ADDITIONAL EMERGENCY INFORMATIONINVENTORY ITEM #  
QKWT94311

## PRODUCT NAME

KS WOOD &amp; TRIM STRIPPER 1 QT

## REVISED BY

W.M. Barr Technical Services

## REVISION DATE

5/23/2003

## SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

## CARCINOGENICITY

SUBSTANCE DESCRIPTION	PERCENT	CAS#	NTP	ACGIH	OSHA	IARC
XYLENE	10- 15	1330-20-7	N	N	N	N
** ABOVE INGREDIENT CONSISTS OF THE FOLLOWING **						
ETHYL BENZENE	15- 20	100-41-4	N	N	N	N
XYLENE	80- 85	1330-20-7	N	N	N	N
METHANOL	10- 15	67-56-1	N	N	N	N
POLYMER MIXTURE	75- 80		N	N	N	N

## SECTION 3. REGULATORY INFORMATION

## EXPOSURE LIMITS/REGULATORY INFORMATION

SUBSTANCE DESCRIPTION	REG.AGCY	U/M	TWA	STEL	CEIL	SKIN	PEL
XYLENE	ACGIH	PPM	100.00	150.00	N/E	N	N/E
	OSHA	PPM	100.00	150.00	N/E	N	100.00
ETHYL BENZENE	ACGIH	PPM	100.00	125.00	N/E	N	N/E
	OSHA	PPM	100.00	125.00	N/E	N	100.00
XYLENE	ACGIH	PPM	100.00	150.00	N/E	N	N/E
	OSHA	PPM	100.00	150.00	N/E	N	100.00
METHANOL	ACGIH	PPM	200.00	250.00	N/E	Y	N/E
	OSHA	PPM	200.00	250.00	N/E	Y	200.00
POLYMER MIXTURE	ACGIH	PPM	N/E	N/E	N/E	N	N/E
	OSHA	PPM	N/E	N/E	N/E	N	N/E

## ADDITIONAL REGULATORY INFO

The time weighted average (TWA) value described herein is a threshold limit value (TLV) as established by ACGIH. The permissible exposure limit (PEL) is a value established by OSHA.

## MATERIAL SAFETY DATA SHEET

DATE PRINTED: 4/14/2004

PAGE

2

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SECTION 3. REGULATORY INFORMATION  
(CONTINUED)  
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## CALIFORNIA (PROPOSITION #65)

WARNING: Using this product will expose you to chemicals which are known to cause cancer and birth defects, or other reproductive harm.

## SEC. 313 SUPPLIER NOTIFICATION

The following information must be included in all MSDS that are copied and distributed for this material.

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR 372):

SUBSTANCE DESCRIPTION	PERCENT BY WEIGHT (UPPER LIMIT)	CAS#
XYLENE	15	1330-20-7
ETHYL BENZENE	3	100-41-4
XYLENE	13	1330-20-7
METHANOL	15	67-56-1

## CLEAN AIR ACT

This formula contains no known ozone depleting chemicals.

## HAZARD COMMUNICATION STANDARD

This document is prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200). This MSDS contains thirteen (13) sections.

\*\*\*\*\*  
The following effects and/or symptoms are not expected to be experienced by persons who use this product properly and according to ALL instructions, precautions, and warnings; however, should the product user experience ANY questionable effects or symptoms, the product user should immediately seek medical attention.

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SECTION 4. HAZARDS IDENTIFICATION  
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## INHALATION ACUTE EXPOSURE EFFECTS

Vapor harmful. May cause dizziness, headache, irritation of respiratory tract, weakness, drowsiness, depression of central nervous system, and watering of eyes. Severe overexposure may cause unconsciousness, anesthesia, irregular heartbeat, and death. Intentional misuse of this product by deliberately concentrating and inhaling can be harmful or fatal.

## SKIN CONTACT ACUTE EXPOSURE EFFECTS

This product is a skin irritant. Product may be absorbed through skin. May cause irritation; defatting; drying of skin; and dermatitis. May cause and increase the severity of symptoms listed under inhalation.

## EYE CONTACT ACUTE EXPOSURE EFFECTS

This material is an eye irritant. May cause irritation; burns; conjunctivitis of eyes; corneal ulcerations of the eye; stinging; tearing; redness and swelling; blurred vision; and blindness. If not promptly removed, will injure eye tissue, which may result in permanent damage. Vapors may irritate eyes.

## INGESTION ACUTE EXPOSURE EFFECTS

Harmful or fatal if swallowed. May cause nausea, vomiting, gastrointestinal irritation, and diarrhea.

## CHRONIC EXPOSURE EFFECTS

Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. Prolonged or repeated contact may cause dermatitis. May cause skin irritation, permanent central nervous system changes, kidney damage, and liver damage.

## MATERIAL SAFETY DATA SHEET

DATE PRINTED: 4/14/2004

PAGE

3

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SECTION 4. HAZARDS IDENTIFICATION  
(CONTINUED)  
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## MEDICAL CONDITIONS AGGRAVATED

Diseases of the skin; liver; kidneys; lungs; and respiratory system.

## PRIMARY ROUTE OF EXPOSURE

Inhalation, ingestion, and dermal.

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SECTION 5. FIRST AID MEASURES  
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## INHALATION

If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.

## SKIN CONTACT

Irritation may result. Immediately wash with soap and water.

## EYE CONTACT

Immediately flush with water, remove any contact lens, continue flushing with water for at least 15 minutes, then get medical attention.

## INGESTION

DO NOT induce vomiting. Call your poison control center, hospital emergency room, or physician immediately.

## NOTE TO PHYSICIAN

POISON. THIS PRODUCT CONTAINS MORE THAN 4% METHANOL. Methanol is metabolized to formaldehyde and formic acid. These metabolites may cause metabolic acidosis, visual disturbances, and blindness. Since metabolism is required for these toxic symptoms, their onset may be delayed from 6 to 30 hours following ingestion. Ethanol competes for the same metabolic pathway and has been used as an antidote. Methanol is effectively removed by hemodialysis. Adrenalin should never be given to a person overexposed to methylene chloride. This formula is registered with POISINDEX. Call your local poison control center for further information.

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SECTION 6. FIRE FIGHTING MEASURES  
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HAZARD RATING SOURCE	HMIS	NFPA
HEALTH	2	1
FLAMMABILITY	3	3
REACTIVITY	0	0
OTHER	G	NA

FLASH METHOD  
TCC

## FLASH POINT

78.01 F 25.56 C

## LOWER EXPLOSION LIMIT

1.9

## GENERAL COMMENTS

OSHA FLAMMABILITY: Class IC

## MATERIAL SAFETY DATA SHEET

DATE PRINTED: 4/14/2004

PAGE

4

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SECTION 6. FIRE FIGHTING MEASURES  
(CONTINUED)  
-----**EXTINGUISHING METHOD**

Use carbon dioxide, dry powder, or foam.

**FIRE FIGHTING PROCEDURES**

Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

**FIRE AND EXPLOSION HAZARDS**

DANGER! EXTREMELY FLAMMABLE. KEEP AWAY FROM HEAT, SPARKS, FLAME, AND ALL OTHER SOURCES OF IGNITION. VAPORS MAY CAUSE FLASH FIRE OR IGNITE EXPLOSIVELY. VAPORS MAY TRAVEL LONG DISTANCES TO OTHER AREAS AND ROOMS AWAY FROM WORK SITE. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and all other sources of ignition anywhere in the structure, dwelling or building during use and until all vapors are gone from the work site. Keep away from electrical outlets and switches. Beware of static electricity that may be generated by synthetic clothing and other sources.

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SECTION 7. ACCIDENTAL RELEASE MEASURES  
-----**CLEAN-UP**

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area. SMALL SPILLS: take up liquid with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable. LARGE SPILLS: dike far ahead of spill for later disposal.

For transportation related spills contact Chemtrec at 1-800-424-9300 for emergency assistance.

**WASTE DISPOSAL**

Dispose in accordance with applicable local, state and federal regulations.

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SECTION 8. HANDLING AND STORAGE  
-----**STORAGE**

Store in a cool, dry place. Avoid extreme high or low temperatures.

**HANDLING**

Follow all W.M. Barr safety procedures, as defined by the Safety Department and Operations.

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SECTION 9. TRANSPORT INFORMATION  
-----**TRANSPORTATION**

For D.O.T. information, contact W.M. Barr Technical Services Department.

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SECTION 10. EXPOSURE CONTROLS/PERSONAL PROTECTION  
-----**VENTILATION PROTECTION**

USE ONLY WITH ADEQUATE VENTILATION TO PREVENT BUILDUP OF VAPORS. Do not use in areas where vapors can accumulate and concentrate such as basements, bathrooms or small enclosed areas. Whenever possible, use outdoors in an open air area. If using indoors open all windows and doors and maintain a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience

DATE PRINTED: 4/14/2004

PAGE

5

===== SECTION 10. EXPOSURE CONTROLS/PERSONAL PROTECTION =====  
(CONTINUED)

slight dizziness, headache, nausea or eye-watering - STOP -  
ventilation is inadequate. Leave area immediately. IF THE WORK  
AREA IS NOT WELL VENTILATED, DO NOT USE THIS PRODUCT. A dust mask  
does not provide protection against vapors.

**RESPIRATORY PROTECTION**

For OSHA controlled work place and other regular users - Use only  
with adequate ventilation under engineered air control systems  
designed to prevent exceeding appropriate TLV. For occasional use,  
where engineered air control is not feasible, use properly main-  
tained and properly fitted NIOSH approved respirator for organic  
solvent vapors. A dust mask does not provide protection against  
vapors.

**SKIN PROTECTION**

Wear impermeable gloves. Gloves contaminated with product should be  
discarded. Promptly remove clothing that becomes soiled with product.

**EYE PROTECTION**

Safety glasses, chemical goggles or face shields are recommended  
to safeguard against potential eye contact, irritation, or injury.  
Contact lenses should not be worn while working with chemicals.

**OTHER PROTECTION**

Various application methods can dictate use of additional protective  
safety equipment, such as impermeable aprons, etc., to minimize  
exposure. A source of clean water should be available in the work  
area for flushing eyes and skin. Do not eat, drink, or smoke in the  
work area. Wash hands thoroughly after use. Before reuse,  
thoroughly clean any clothing or protective equipment that has been  
contaminated by prior use. Discard any clothing or other  
protective equipment that cannot be decontaminated, such as gloves  
or shoes.

## ===== SECTION 11. PHYSICAL AND CHEMICAL PROPERTIES =====

**VOLATILE %**

92.0  
by weight

**BOILING POINT**

279.00 F 137.22 C

**VAPOR DENSITY (Air = 1.0)**

Heavier than air

**EVAPORATION RATE**

Slower than ether

**BULK DENSITY**

7.3  
lbs/gal at 75 F

**pH FACTOR**

N/E

**PHOTOCHEMICALLY REACTIVE**

NO

**MAX V.O.C.**

866 grams per liter

## MATERIAL SAFETY DATA SHEET

DATE PRINTED: 4/14/2004

PAGE

6

===== SECTION 11. PHYSICAL AND CHEMICAL PROPERTIES  
(CONTINUED) =====

## MAX VAPOR PRESSURE

(of the V.O.C.) 37mm Hg at 20 degrees C

## ===== SECTION 12. STABILITY AND REACTIVITY =====

## INCOMPATIBILITIES

Incompatible with strong oxidizing agents.

## DECOMPOSITION

Decomposition may produce carbon monoxide and carbon dioxide.

## POLYMERIZATION

May occur

## STABILITY

Stable.

## ===== SECTION 13. ADDITIONAL INFORMATION =====

## IMPORTANT NOTE

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

## LEGEND:

PPM = parts per million

MG/M3 = milligrams per cubic meter

N/E or NE = none established

GT = greater than

N/A or NA = not applicable

TCC = tag closed cup

TOC = tag open cup

PMCC = Pensky-Martens closed cup

IDLH = Immediately Dangerous to Life and Health

\*\*\*END OF MSDS\*\*\*